

RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/576,690A

Source: UFWO

Date Processed by STIC: 2/8/07

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 02/08/2007

PATENT APPLICATION: US/10/576,690A

TIME: 15:01:16

Input Set : N:\efs\02_08_07\10576690A_efs\10576690_SeqListing.txt

Output Set: N:\CRF4\02082007\J576690A.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
4 McSwiggen, James
5 Chowrira, Bharat
6 Haerberli, Peter
8 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of NOGO And NOGO
Receptor
9 Gene Expression Using Short Interfering Nucleic Acid (siNA)
11 <130> FILE REFERENCE: 400/232 (MBHB00-878-J4)
13 <140> CURRENT APPLICATION NUMBER: US 10/576,690A
C--> 14 <141> CURRENT FILING DATE: 2006-04-21
16 <150> PRIOR APPLICATION NUMBER: PCT/US04/026930
17 <151> PRIOR FILING DATE: 2004-08-20
19 <150> PRIOR APPLICATION NUMBER: US 10/430,882
20 <151> PRIOR FILING DATE: 2003-05-06
22 <150> PRIOR APPLICATION NUMBER: PCT/US02/10512
23 <151> PRIOR FILING DATE: 2002-04-03
25 <150> PRIOR APPLICATION NUMBER: US 09/827,395
26 <151> PRIOR FILING DATE: 2001-04-05
28 <150> PRIOR APPLICATION NUMBER: US 09/780,533
29 <151> PRIOR FILING DATE: 2001-02-09
31 <150> PRIOR APPLICATION NUMBER: PCT/US01/04273
32 <151> PRIOR FILING DATE: 2001-02-09
34 <150> PRIOR APPLICATION NUMBER: US 60/181,797
35 <151> PRIOR FILING DATE: 2000-02-11
37 <150> PRIOR APPLICATION NUMBER: PCT/US04/16390
38 <151> PRIOR FILING DATE: 2004-05-24
40 <150> PRIOR APPLICATION NUMBER: US 10/826,966
41 <151> PRIOR FILING DATE: 2004-04-16
43 <150> PRIOR APPLICATION NUMBER: US 10/757,803
44 <151> PRIOR FILING DATE: 2004-01-14
46 <150> PRIOR APPLICATION NUMBER: US 10/720,448
47 <151> PRIOR FILING DATE: 2003-11-24
49 <150> PRIOR APPLICATION NUMBER: US 10/693,059
50 <151> PRIOR FILING DATE: 2003-10-23
52 <150> PRIOR APPLICATION NUMBER: US 10/444,853
53 <151> PRIOR FILING DATE: 2003-05-23
55 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
56 <151> PRIOR FILING DATE: 2003-02-20
58 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
59 <151> PRIOR FILING DATE: 2003-02-20
61 <150> PRIOR APPLICATION NUMBER: US 60/358,580
62 <151> PRIOR FILING DATE: 2002-02-20
64 <150> PRIOR APPLICATION NUMBER: US 60/363,124
65 <151> PRIOR FILING DATE: 2002-03-11

see P. 6

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67 <150> PRIOR APPLICATION NUMBER: US 60/386,782
68 <151> PRIOR FILING DATE: 2002-06-06
70 <150> PRIOR APPLICATION NUMBER: US 60/406,784
71 <151> PRIOR FILING DATE: 2002-08-29
73 <150> PRIOR APPLICATION NUMBER: US 60/408,378
74 <151> PRIOR FILING DATE: 2002-09-05
76 <150> PRIOR APPLICATION NUMBER: US 60/409,293
77 <151> PRIOR FILING DATE: 2002-09-09
79 <150> PRIOR APPLICATION NUMBER: US 60/440,129
80 <151> PRIOR FILING DATE: 2003-01-15
82 <150> PRIOR APPLICATION NUMBER: PCT/US04/13456
83 <151> PRIOR FILING DATE: 2004-04-30
85 <150> PRIOR APPLICATION NUMBER: US 10/780,447
86 <151> PRIOR FILING DATE: 2004-02-13
88 <150> PRIOR APPLICATION NUMBER: US 10/427,160
89 <151> PRIOR FILING DATE: 2003-04-30
91 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
92 <151> PRIOR FILING DATE: 2002-05-17
94 <150> PRIOR APPLICATION NUMBER: US 60/292,217
95 <151> PRIOR FILING DATE: 2001-05-18
97 <150> PRIOR APPLICATION NUMBER: US 60/362,016
98 <151> PRIOR FILING DATE: 2002-03-06
100 <150> PRIOR APPLICATION NUMBER: US 60/306,883
101 <151> PRIOR FILING DATE: 2001-07-20
103 <150> PRIOR APPLICATION NUMBER: US 60/311,865
104 <151> PRIOR FILING DATE: 2001-08-13
106 <150> PRIOR APPLICATION NUMBER: US 10/727,780
107 <151> PRIOR FILING DATE: 2003-12-03
109 <150> PRIOR APPLICATION NUMBER: US 60/543,480
110 <151> PRIOR FILING DATE: 2004-02-10
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118 <212> TYPE: RNA
119 <213> ORGANISM: Artificial Sequence
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122 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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130 <211> LENGTH: 19
131 <212> TYPE: RNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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Input Set : N:\efs\02_08_07\10576690A_efs\10576690_SeqListing.txt

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147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
149     sense region
151 <400> SEQUENCE: 3
152 ccccuacgau gaagagggc 19
155 <210> SEQ ID NO: 4
156 <211> LENGTH: 19
157 <212> TYPE: RNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
162     sense region
164 <400> SEQUENCE: 4
165 cguccgcugg agggagccg 19
168 <210> SEQ ID NO: 5
169 <211> LENGTH: 19
170 <212> TYPE: RNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
175     sense region
177 <400> SEQUENCE: 5
178 ggcugcuggc augggugcu 19
181 <210> SEQ ID NO: 6
182 <211> LENGTH: 19
183 <212> TYPE: RNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
188     sense region
190 <400> SEQUENCE: 6
191 uguggcugca ggccuggca 19
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 19
196 <212> TYPE: RNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
201     sense region
203 <400> SEQUENCE: 7
204 agguggcagc cccaugccc 19
207 <210> SEQ ID NO: 8
208 <211> LENGTH: 19
209 <212> TYPE: RNA

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210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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216 <400> SEQUENCE: 8
217 caggugccug cguaugcua                                     19
220 <210> SEQ ID NO: 9
221 <211> LENGTH: 19
222 <212> TYPE: RNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
227     sense region
229 <400> SEQUENCE: 9
230 acaaugagcc caaggugac                                     19
233 <210> SEQ ID NO: 10
234 <211> LENGTH: 19
235 <212> TYPE: RNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
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240     sense region
242 <400> SEQUENCE: 10
243 cgacaagcug cccccagca                                     19
246 <210> SEQ ID NO: 11
247 <211> LENGTH: 19
248 <212> TYPE: RNA
249 <213> ORGANISM: Artificial Sequence
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253     sense region
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256 agggccugca ggcugugcc                                     19
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261 <212> TYPE: RNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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269 ccgugggcau cccugcugc                                     19
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274 <212> TYPE: RNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
279     sense region

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Input Set : N:\efs\02_08_07\10576690A_efs\10576690_SeqListing.txt

Output Set: N:\CRF4\02082007\J576690A.raw

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287 <212> TYPE: RNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
292     sense region
294 <400> SEQUENCE: 14
295 ugcacggcaa ccgcaucuc 19
298 <210> SEQ ID NO: 15
299 <211> LENGTH: 19
300 <212> TYPE: RNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
305     sense region
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308 cgcaugugcc agcugccag 19
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313 <212> TYPE: RNA
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316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
318     sense region
320 <400> SEQUENCE: 16
321 gcuuccgugc cugccgcaa 19
324 <210> SEQ ID NO: 17
325 <211> LENGTH: 19
326 <212> TYPE: RNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
331     sense region
333 <400> SEQUENCE: 17
334 accucaccau ccuguggcu 19
337 <210> SEQ ID NO: 18
338 <211> LENGTH: 19
339 <212> TYPE: RNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
344     sense region
346 <400> SEQUENCE: 18
347 ugcacucgaa ugugcuggc 19
350 <210> SEQ ID NO: 19
351 <211> LENGTH: 19

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/576,690A

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FYI
Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:303; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:304; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:305; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:306; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:307; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:308; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:309; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:310; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:311; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

VERIFICATION SUMMARY

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:7440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0

L:7476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0

L:7512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0

L:7554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0

L:7598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307 after pos.:0

L:7640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0

L:7684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0

L:7727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:310 after pos.:0

L:7769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311 after pos.:0